

U.S. National Stage of PCT/EP2004/003826

Amendments to the Abstract:

ABSTRACT

Please replace the abstract that appears on page 14 of the specification with the following revised abstract which is submitted on a separate sheet.

Abstract

~~The invention relates to an~~ An apparatus for photometric measurement of the concentration of a chemical substance in a solution [(11)], wherein a cuvette [(3)] is provided containing the solution [(11),] ~~wherein the~~ The cuvette [(3)] is transmissive at least in predetermined regions [(12, 13)] for electromagnetic radiation, wherein a transmitting unit [(2)] is provided, which produces electromagnetic radiation in at least two wavelength regions and which radiates into the cuvette~~[(,)]~~ wherein the The electromagnetic radiation in a first wavelength region serves for measurement purposes and ~~wherein the~~ electromagnetic radiation in a second wavelength region is used for reference purposes~~[(,)]~~ and wherein the The electromagnetic radiation in the two wavelength regions takes the same path through the cuvette [(3)] and through the solution [(11),] ~~wherein at~~ At least one detector unit [(4)] is provided, which is so arranged that it receives the electromagnetic radiation in the at least two wavelength regions following passage through the solution [(11)], and wherein a control/evaluation unit [(14)] is provided, which determines the concentration of at least one chemical substance in the solution [(11)] on the basis of the electromagnetic radiation detected in the two wavelength regions.

[(Fig. 1)]